

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Please amend the claims as follows:

Claims 1-9. (Cancelled)

Claim 10. (Previously Presented) An autoclavable filtration material comprising:

 a saccharide coupled to a spacer; and
 a matrix coupled to the spacer, the matrix being a cross-linked agarose;
 wherein the spacer comprises the following formula:

 -O(CH₂)_nPhNH-,

 or

 -N(Acetyl)-(CH₂)_nNH-,

 wherein n is an integer selected from 0, 1, 2, 3, 4, 5, 6, or 7.

Claim 11. (Previously Presented): The filtration material of claim 10, further comprising a second spacer attached to the matrix.

Claim 12. (Previously Presented): The filtration material of claim 10, wherein the matrix is bound to two or more molecules of saccharide.

Claim 13. (Previously Presented): The filtration material of claim 10, wherein the bound saccharide ranges from 0.01 to 20 mmole per liter of matrix.

Claim 14. (Previously Presented): The filtration material according to claim 10, comprising at least one of a Blood group A determinant and a Blood group B determinant bound to matrix.

Claim 15. (Previously Presented): The filtration material according claim 10, wherein the saccharide binds a pathogen.

Claim 16. (Previously Presented): The filtration material according claim 10, wherein the saccharide binds an antibody, a cancer-antigen, a toxin, a bacteria, or a virus.

Claims 17.-25. (Cancelled)

Claim 26. (Withdrawn): A method of filtering a substance from a liquid comprising:
contacting the material of claim 10 with a liquid containing the substance.

Claim 27. (Withdrawn): The method according to claim 26, wherein the substance comprises an antibody, a protein, a toxin, a virus, a bacteria, a pathogen, or a cell.

Claim 28. (Withdrawn): The method of claim 26, further comprising:
eluting the substance from the material.

Claim 29. (Withdrawn): The method of claim 26, wherein the liquid is selected from the group consisting of blood, blood plasma, and a liquid from cell mediated production.

Claim 30. (Previously Presented): An autoclavable filtration material comprising:

a saccharide coupled to a spacer; and
a matrix coupled to the spacer;
wherein the spacer comprises the following formula:

-O(CH₂)_nPhNH-,

or

-N(Acetyl)-(CH₂)_nNH-,

wherein n is an integer selected from 0, 1, 2, 3, 4, 5, 6, or 7;
the filtration material containing bound saccharide in an amount ranging from 0.01 to 20
mole per liter of matrix.

Claim 31. (Previously Presented): The filtration material of claim 10, wherein the filtration material is in the form of particles.

Claim 32. (Previously Presented): The filtration material of claim 30, wherein the filtration material is in the form of particles.

Claim 33. (New): An autoclavable filtration material comprising:

a saccharide coupled to a spacer; and
a matrix coupled to the spacer, the matrix being a cross-linked agarose;
wherein the spacer comprises the following formula:

-N(Acetyl)-(CH₂)_nNH-,

wherein n is an integer selected from 0, 1, 2, 3, 4, 5, 6, or 7.

Claim 34. (New): An autoclavable filtration material comprising:

a saccharide coupled to a spacer; and

a matrix coupled to the spacer, the matrix being a cross-linked agarose;

wherein the spacer comprises the following formula:

$-\text{O}(\text{CH}_2)_n\text{PhNH}-$,

Or

$-\text{N}(\text{Acetyl})-(\text{CH}_2)_n\text{NH}-$,

wherein n is an integer selected from 1, 2, 3, 4, 5, 6, or 7.